



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/775,471
(use as many sheets as necessary)				Filing Date	February 9, 2004
Sheet	1	of	4	First Named Inventor	William E. Sobel
				Group Art Unit	2122
				Examiner Name	Not yet known
				Attorney Docket Number	44420423-8314

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
WA		10/211827	8/2/2002	Nachenberg	
		3,969,723	7/13/1976	Kennicott	
		4,558,413	12/10/1985	Schmidt, et al.	
		4,714,992	12/22/1987	Gladney, et al.	
		4,809,170	2/28/1989	Leblang, et al.	
		5,155,847	10/13/1992	Kirouac, et al.	
		5,182,806	1/26/1993	McKeeman, et al.	
		5,204,960	4/20/1993	Smith, et al.	
		5,479,654	12/26/1995	Squibb	
		5,495,610	2/27/1996	Shing, et al.	
		5,519,866	5/21/1996	Lawrence, et al.	
		5,566,335	10/15/1996	Nash, et al.	
		5,574,906	11/12/1996	Morris	
		5,581,764	12/3/1996	Fitzgerald, et al.	
		5,649,200	7/15/1997	Leblang, et al.	
		5,671,398	9/23/1997	Neubauer	
		5,673,387	9/30/1997	Chen, et al.	
		5,699,275	12/16/1997	Beasley, et al.	
		5,729,743	3/17/1998	Squibb	
		5,790,856	8/4/1998	Lillich	
		5,799,189	8/25/1998	Koser, et al.	
		5,893,113	4/6/1999	McGrath, et al.	
		5,905,896	5/18/1999	Delannoy	
		5,909,581	6/1/1999	Park	
		5,933,647	8/3/1998	Aronberg, et al.	
		5,948,104	9/7/1999	Gluck, et al.	
		5,953,532	9/14/1999	Lochbaum	
WA		5,960,204	9/28/1999	Yinger, et al.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file ( and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/775,471
(use as many sheets as necessary)				Filing Date	February 9, 2004
				First Named Inventor	William E. Sobel
				Group Art Unit	2122
				Examiner Name	Not yet known
Sheet	2	of	4	Attorney Docket Number	44420423-8314

141	6,006,034	12/21/1999	Heath, et al.	
	6,006,242	12/21/1999	Poole, et al.	
	6,035,423	3/7/2000	Hodges, et al.	
	6,052,531	4/18/2000	Waldin, Jr., et al.	
	6,081,814	6/28/2000	Mangat, et al.	
	6,088,803	7/11/2000	Tso, et al.	
	6,092,080	7/18/2000	Gustman	
	6,119,165	9/12/2000	Li, et al.	
	6,151,643	11/21/2000	Cheng, et al.	
	6,178,551	1/23/2001	Sana, et al.	
	6,349,407	2/19/2002	Towfig	
	6,418,555	7/19/2002	Mohammed	
	6,484,315	11/19/2002	Ziese	
	6,510,552	1/21/2002	Benayoun, et al.	
	6,535,894	3/18/2003	Schmidt, et al.	
	6,651,249	11/18/2003	Waldin, et al.	
APT	US 2004/0133776 A1	7/8/2004	Putzolu, D.	

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
APT		EP 0230616 A2	8/5/1987	IBM	
		EP 0774720 A2	5/21/1997	Hewlett Packard Co.	
		EP 0735474 A2	10/2/1996	Sun Microsystems Inc.	
		WO 99/22325 A1	5/6/1999	Microsoft Corp.	
		WO 00/29945 A1	5/25/2000	Microsoft Corp.	
APT		WO 96/32679 A1	10/17/1996	Highwaymaster Comm Inc.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file ( and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO				<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/775,471
(use as many sheets as necessary)				Filing Date	February 9, 2004
				First Named Inventor	William E. Sobel
				Group Art Unit	2122
				Examiner Name	Not yet known
Sheet	3	of	4	Attorney Docket Number	44420423-8314

<b>OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	CiteNo. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
WAT		"User-Friendly Interface for Applying Specific Levels of Coordinated Updates to Software in the Field," IBM Technical Disclosure Bulletin, vol. 31, No. 10, Mar. 1989, Armonk, NY, U.S.A.	
WAT		AMBRIOLA, Vincenzo; BENDIX, Lars; and CIANCARINI, Paolo, "The Evolution of Configuration Management and Version Control," Software Engineering Journal, Nov. 1990, pp. 303-310, retrieved from IEEE database, Sep. 24, 2002, U.S.A.	
WAT		CAUCE.org web pages [online] Coalition Against Unsolicited Commercial Email [retrieved 3/17/2003] Retrieved from the Internet: <URL: http://www.cauce.org/about/problem.shtml>	
WAT		GRUNDY, et al., "Support For Collaborative, Integrated Software Development," Proc 95 Software Engineering Environments, Abstract Only, Apr. 1995, U.S.A.	
WAT		HEDIN, Goren, "Incremental Execution In A Programming Environment Based On Compilation," Proc. Of Nineteenth Hawaii Intl. Conf. On System Sciences, Abstract Only, Jan. 1986, U.S.A.	
WAT		Hurwitz Group, "Application Management for Distributed Applications," pp. 1-7, Jun. 1998, U.S.A.	
WAT		LINDSAY, Peter; LIU, Yaowei, and TRAYNOR, Owen, "A Generic Model for Fine Grained Configuration Management Including Version Control and Traceability," 1997 IEEE, retrieved from the IEEE database Sep. 24, 2002, U.S.A.	
WAT		MARIMBA, "Castanet 3.0 Product Family," Jun. 1998, U.S.A.	
WAT		MARIMBA, "Castanet Infrastructure Suite," Jun. 1998, U.S.A.	
WAT		MARIMBA, "Castanet Management Suite," Jun. 1998, U.S.A.	
WAT		MARIMBA, "Castanet Production Suite," Jun. 1998, U.S.A.	
WAT		Pocket Soft, ".RTPatch® Professional for Windows, NT, and DOS Binary Update System," pp. 1-6. Jun. 23, 1998, http://www.pocketsoft.com\whtwind.html, U.S.A.	
WAT		POLLOCK, Lori, "Incremental Version of Iterative Data Flow Analysis," IEEE Trans Software Eng., v 15, n 12, Abstract Only, Dec. 1989, U.S.A.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file ( and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

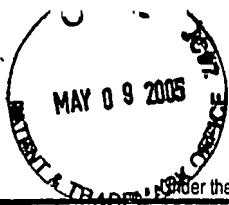
Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/775,471
(use as many sheets as necessary)				Filing Date	February 9, 2004
				First Named Inventor	William E. Sobel
				Group Art Unit	2122
				Examiner Name	Not yet known
Sheet	4	of	4	Attorney Docket Number	44420423-8314

<i>VAT</i>	REICHENBERGER, Christoph, "Orthogonal Version Management," Universitat Linz, Institute fur Informatik, Austria, 1989 ACM.
<i>VAT</i>	"News Release – Symantec Delivers Cutting-Edge Anti-Virus Technology with Striker32", October 1, 1999, 2 pages, [online]. Retrieved on November 11, 2003. Retrieved from the Internet:<URL: http://www.symantec.com/press/1999/n991001.html>. Author unknown.
<i>VAT</i>	"Software: Windows ME; Windows ME and System File Protection", [online] last updated March 11, 2002, [retrieved on 4/9/2002] Retrieved from the Internet: <URL: http://www.wackyb.co.nz/mesfp.html>.
<i>VAT</i>	MORAR, J. E. and Chess, D. M., "Can Cryptography Prevent Computer Viruses?", Virus Bulletin Conference 2000, September 2000, pp. 127-138, Virus Bulletin Ltd., Oxfordshire, England.
<i>VAT</i>	Wikipedia.org web pages [online], Wikipedia, [retrieved 3/17/2003] Retrieved from the Internet: <URL: http://www.wikipedia.org/w/wiki.phint!&title=machine learning and printable=yes>.
<i>VAT</i>	MACNAMRA, JOHN E., "Technical Aspects of Data Communication", 2ed. 1982, Digital Equipment Corporation, U.S.A. pp. 110-122.
<i>VAT</i>	"Gold Parser, A Free Multi-Platform Parser Generator", [online] devincook.com [retrieved 10/7/2003] Retrieved from the Internet: <URL: http://www.devincook.com/goldparser/index.htm>.
<i>VAT</i>	"RFC 2821 - Simple Mail Transport Protocol", Klensin J., editor, April 2001, [online] Faqs.org [retrieved 10/13/2003] Retrieved from the Internet: <URL: http://www.faqs.org/rfcs/rfc2821.html>.
<i>VAT</i>	ORE, Oystein, "Number-Theory and Its History", 1976 Gudron Ore, U.S.A. pp. 124-129.

Examiner Signature	<i>mauritsnvl</i>	Date Considered	9-08-07
--------------------	-------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file ( and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

Approved for use through 07/07/2006. GMB 0091-0091  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/775,471
(use as many sheets as necessary)		Filing Date	February 9, 2004
		First Named Inventor	William E. Sobel
		Group Art Unit	2122
		Examiner Name	Not yet known
Sheet	1	of	2
		Attorney Docket Number	44420423-8314

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

## OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS

Examinee r Initials*	CiteNo. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
VAT		KENEIPP, RAY, "Traffic Shaping [Online], May 14, 2001, [retrieved from the Internet on April 27, 2004] Retrieved from the Internet: <URL: <a href="http://www.itworld.com/nl/sup_mgr/05142001/">itworld.com - supersite manager - Traffic Shaping</a> <a href="http://www.itworld.com/nl/sup_mgr/05142001/">http://www.itworld.com/nl/sup_mgr/05142001/</a> >	
VAT		ISP-Planet Staff, Slower Spam Would Annoy Spammers [Online] February 20, 2003, [retrieved from the Internet on April 22, 2005]. Retrieved from the Internet: <URL: <a href="http://www.isp-planet.com/equipment/2003/spamsquelcher.html">ISP-Planet - Equipment - Slower Spam Would Annoy Spammers</a> , <a href="http://www.isp-planet.com/equipment/2003/spamsquelcher.html">http://www.isp-planet.com/equipment/2003/spamsquelcher.html</a> >	

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file ( and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08a (08-03)

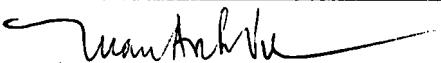
Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info unless it contains a valid OMB control number.

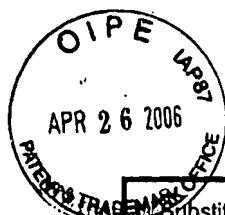
Temporary for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/775,471
(use as many sheets as necessary)				Filing Date	February 9, 2004
				First Named Inventor	William E. Sobel
				Group Art Unit	2122
				Examiner Name	Not yet known
Sheet	2	of	2	Attorney Docket Number	44420423-8314

WAT	WAGNER, MITCH, "Tool Users Network Analysis to Fight Spam" [Online] retrieved from the Internet on April 22, 2005] Retrieved from the Internet: <URL: Internet Week>E-mail>Tool Uses Network Analysis to Fight Spam> February 13, 2003, <a href="http://www.internetweek.com/story/showarticle.jhtml?articleID=6900032">http://www.internetweek.com/story/showarticle.jhtml?articleID=6900032</a>	
WAT	PR Newswire, "Spam Squelcher Technology Cuts Costly Impact of Spam on Enterprises and ISPs;" New Product from ePrivacy Group turns back Spam Attacks with False Positives, [Online] February 11, 2003, [Retrieved from the Internet on May 3, 2004]. Retrieved from the Internet:< URL: PR Newswire Spam Squelcher Technology Cuts Costly Impact of Spam on Enterprises and ISPs" <a href="http://www.findarticles.com/cf_dls/m4prn/2003_Feb_11/97463210/p1/article.jhtml">http://www.findarticles.com/cf_dls/m4prn/2003_Feb_11/97463210/p1/article.jhtml</a>	

Examiner Signature		Date Considered	9-08-07
--------------------	---	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

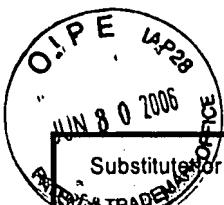
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file ( and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Substitute for form 1449A/PTO				Complete If Known		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				Application Number	10/775,471	
				Filing Date	February 9, 2004	
				First Named Inventor	William E. Sobel	
				Group Art Unit	2193	
				Examiner Name	Kakali Chaki	
Sheet	1	of	1	Attorney Docket Number	44420423-8314	
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code <sup>2</sup> (if known)				
WAT		US-6,654,787	11/25/2003	Aronson et al.		
WAT		US-6,771,765	8/3/2004	Crowther et al.		
<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
<b>OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
Examiner Signature	<i>WAT</i>			Date Considered	9-08-07	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file ( and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p> <p>Sheet 1 of 1</p>		<p><b>Complete if Known</b></p> <table border="1"> <tr> <td>Application Number</td> <td>10/775,471</td> </tr> <tr> <td>Filing Date</td> <td>February 9, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>William E. Sobel</td> </tr> <tr> <td>Group Art Unit</td> <td>2193</td> </tr> <tr> <td>Examiner Name</td> <td>Kakali Chaki</td> </tr> <tr> <td>Attorney Docket Number</td> <td>44420423-8314</td> </tr> </table>		Application Number	10/775,471	Filing Date	February 9, 2004	First Named Inventor	William E. Sobel	Group Art Unit	2193	Examiner Name	Kakali Chaki	Attorney Docket Number	44420423-8314
Application Number	10/775,471														
Filing Date	February 9, 2004														
First Named Inventor	William E. Sobel														
Group Art Unit	2193														
Examiner Name	Kakali Chaki														
Attorney Docket Number	44420423-8314														

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

**OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	CiteNo. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>AT</i>		Jee, et al., "A Generic Virus Detection Agent on the Internet", pps 210-219, 1997 IEEE, retrieved 5/10/2006, Taiwan.	
<i>AT</i>		Bellare et al., "Incremental Cryptography and Application to Virus Protection", pps 45-56, 1995 ACM, retrieved 5/10/2006, New York, NY.	
Examiner Signature	<i>meanAnh Vu</i>		Date Considered 09-08-07

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **1** Applicant's unique citation designation number (optional). **2** See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. **3** Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **4** For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **5** Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. **6** Applicant is to place a check mark here if English language Translation is attached.

7.1.3 Standard 37 CFR 1.19. If possible, Appendix B is placed on back mark II. English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file ( and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.